

Advanced GeoEnvironmental, Inc.



29 April 2005
AGE-SR Project No. 98-0400

Mr. Cliff Ives
Sonoma County Department of Health Services
Environmental Health Division
475 Aviation Boulevard, Suite 220
Santa Rosa, CA 95403

**Subject: Monitoring Well Destruction and Disposition of Soil and Ground Water
 Former DICK'S UNION 76
 465 South Cloverdale Boulevard, Cloverdale, California**

Dear Mr. Ives:

This letter has been prepared to document the destruction of five ground water monitoring wells located at the above-referenced site (Figure 1). In addition, this letter presents the amount and disposition of well purge water generated during site investigation activities and soil cutting generated during well destruction activities. The destruction of the wells and documentation of the disposal of purge water was required by the Sonoma County Department of Health Services - Environmental Health Division (SCDHS-EHD), by letter dated 09 September 2004, as a final pre-requisite to site closure. Well destruction activities were conducted in accordance with the Advanced GeoEnvironmental (AGE)-prepared *Monitoring Well Destruction Work Plan*, dated 18 November 2004.

In accordance with the California Health and Safety Code; Section 25297.15(a) of Chapter 6.7; a complete signed list of the current record fee title owners for the subject property is attached.

MONITORING WELL DESTRUCTION ACTIVITIES

On 21 and 22 February 2005, AGE personnel supervised the destruction of site related ground water monitoring wells MW-1 through MW-5 (Figure 2). Prior to initiation of field work, a well destruction permit (#4588) was obtained from the SCDHS-EHD. In addition, an Encroachment Permit (#01-2005) was obtained from the City of Cloverdale Engineering Department. Prior to mobilization, the monitoring well locations were clearly marked and a utility clearance obtained through Underground Service Alert.

The monitoring wells were abandoned by Mitchell Drilling Environmental (MDE) of Eureka, California. Monitoring wells MW-1, MW-2, MW-3, and MW-4 were destroyed by over-drilling techniques, removing the well construction materials from the original boreholes utilizing a CME-75 drill rig equip with eight-inch hollow stem augers. Monitoring wells MW-1 through MW-4 were each over-drilled to the total depth of the original borings {approximately 26 feet below surface grade (bsg)}. Subsequently, boreholes MW-1 through MW-4 were each abandoned with approximately 65-gallons of portland neat cement slurry installed through tremmie pipe from the total depth of the borings to ground surface. After allowing the grout mixture to settle in each of the boreholes, the remaining three to four inches of space was capped with a layer of concrete and completed flush to surface grade.

Due to limited access to well MW-5 was backfilled and abandoned-in-place by pressure grouting methods, as approved and witnessed by SCDHS-EHD personnel. The grout mixture consisted of Type I/II portland neat cement and approximately 6 gallons of water per 94-pound sack of cement. The grout mixture was installed in well MW-5 through tremmie pipe from the total depth of the well to the top of casing. Following installation of the grout mixture, 30 pounds per square inch (PSI) of pressure was applied to the well head for approximately two minutes to distribute the grout throughout the screen interval and filter pack. Approximately 5-gallons of grout was pumped into well MW-5.

WASTE DISPOSAL

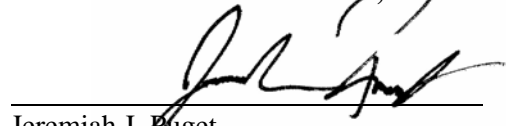
Purge water generated during the ground water monitoring program was temporally stored on-site in appropriately labeled 55-gallon drums pending appropriate disposal. In July 2003, four 55-gallon drums (Approximately 220-gallons) of purge water were removed from the site by ABCO Environmental of Rancho Cordova, California. The drums were transported under Non-Hazardous Waste manifest for disposal at the Invirotech recycling facility in Rialto, California. In April 2005, four 55-gallon drums (Approximately 220-gallons) of purge water and decontamination rinse water were removed from the site by Slaby Environmental, Inc. of Borrego Springs, California. The drums were transported under Non-Hazardous Waste manifest for disposal at the Remedy Environmental recycling facility in Anaheim, California. Copies of the Non-Hazardous Waste manifest are attached.

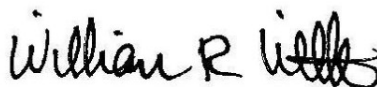
Soil cutting generated during well destruction activities was temporally stored on-site in appropriately labeled 55-gallon drums pending appropriate disposal. In April 2005, four 55-gallon drums (Approximately 485-pounds) of soil cutting were removed from the site by Slaby Environmental, Inc. of Borrego Springs, California. The drums were transported under Non-Hazardous Waste manifest for disposal at the Western Environmental facility in Mecca, California. A copy of the Non-Hazardous Waste manifest is attached.

If you have any questions or comments, please contact our office at (707) 570-1418.

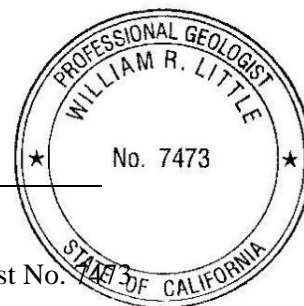
Sincerely,

Advanced GeoEnvironmental, Inc.


Jeremiah J. Puget
Staff Environmental Specialist



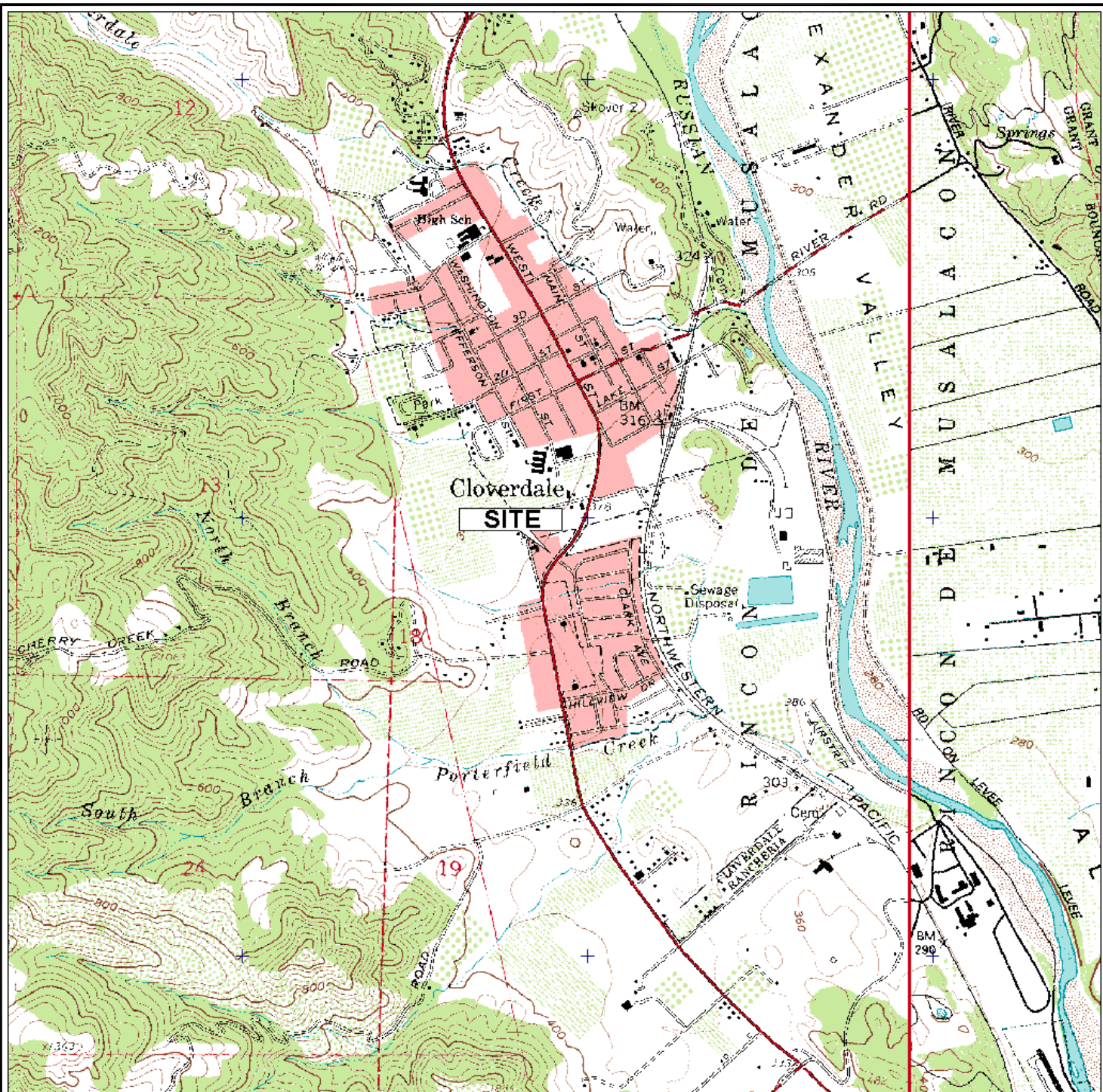
William R. Little
Senior Project Geologist
California Professional Geologist No. 7473



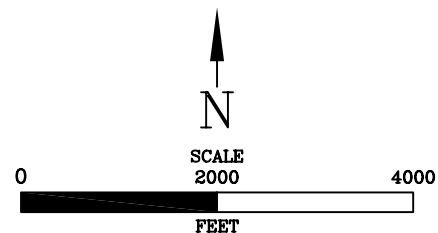
Attachments:

Figures 1 & 2; Non-Hazardous Waste Manifests; Signed Certified List of Record Fee Title Owners

cc: Mr. Richard Erickson



CLOVERDALE QUADRANGLE, CALIFORNIA
7.5 MINUTE SERIES (U.S. GEOLOGICAL SURVEY)



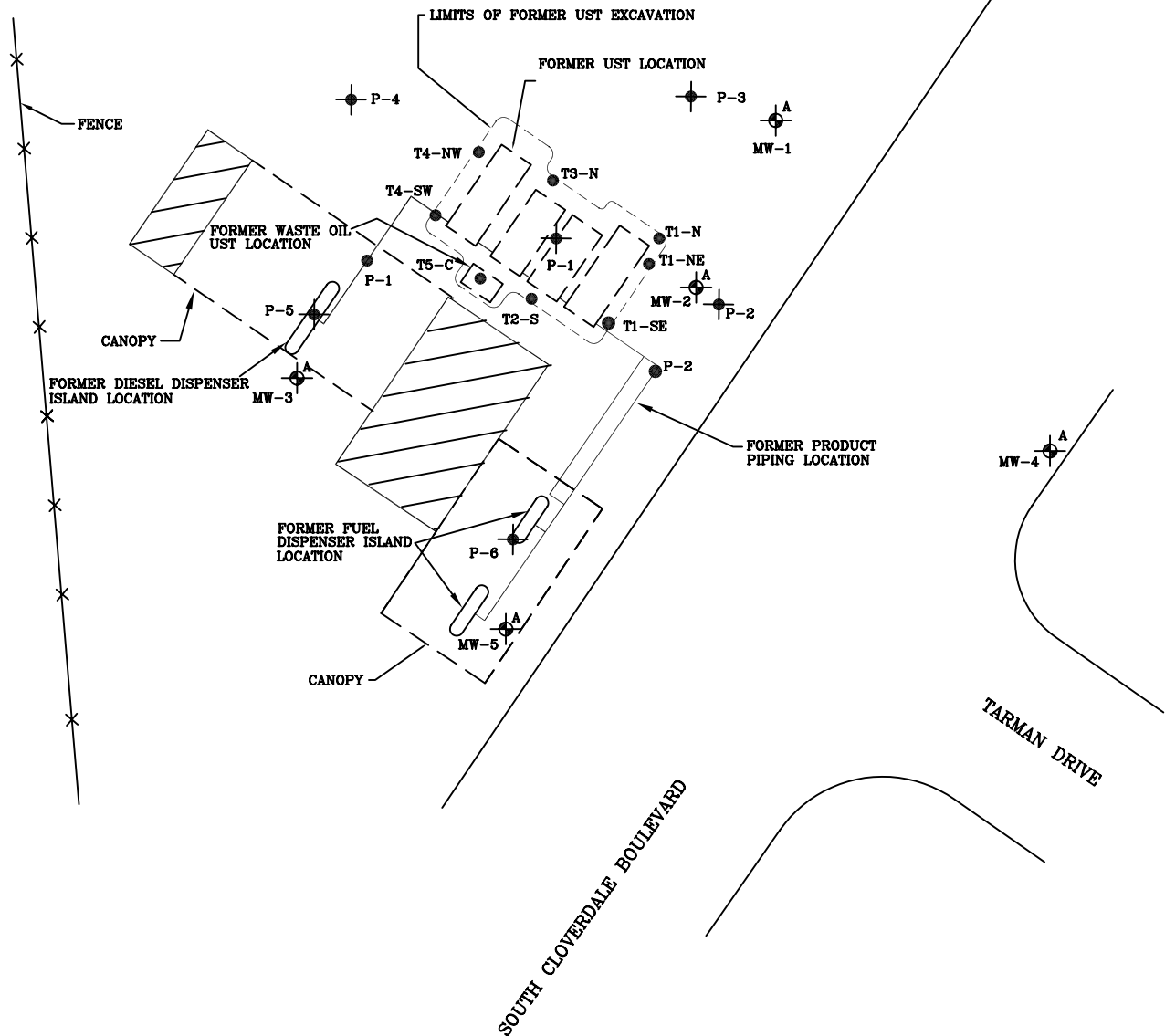
LOCATION MAP
FORMER DICK'S UNION 76
465 SOUTH CLOVERDALE BOULEVARD
CLOVERDALE, CALIFORNIA



Advanced
GeoEnvironmental, Inc.
of Northern California

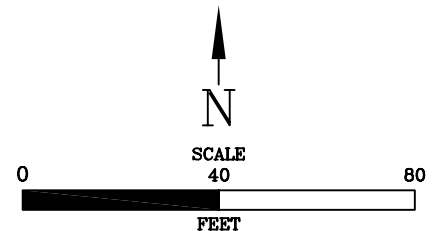
| | | |
|----------------------------|----------------|---------|
| PROJECT NO. AGE-SR-98-0400 | FILE: LOCATION | FIGURE: |
| DATE: 15 FEBRUARY 2002 | DRAWN BY: MAC | 1 |

WELL LOCATED AT 422 FRANKLIN STREET
APPROXIMATELY 50 FEET NORTHWEST OF SITE



LEGEND

- T1-N ● UST REMOVAL SOIL SAMPLE LOCATION
- P-1 ⊕ SOIL PROBE BORING LOCATION
- MW-5 ⊕^A MONITORING WELL LOCATION
(A = ABANDONED)



SITE PLAN
DICK'S UNION 76
465 SOUTH CLOVERDALE BOULEVARD
CLOVERDALE, CALIFORNIA



Advanced
GeoEnvironmental, Inc.
of Northern California

| | | |
|----------------------------|----------------|---------|
| PROJECT NO. AGE-SR-98-0400 | FILE: DICKS 2Z | FIGURE: |
| DATE: 25 February 2005 | DRAWN BY: MAC | 2 |

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1

of

3. Generator's Name and Mailing Address

FORNICE DOES BELONG TO
425 SOUTH CHURCH ST
CHANDLER, AZ

ATT: NEW CALIBRATION FAC

4. Generator's Phone ()

209-4407 1026

5. Transporter 1 Company Name

A.

US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

B.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10.

US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

a.

b.

c.

d.

15. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

16. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

**NON-HAZARDOUS
WASTE MANIFEST**

| | | | | | |
|--|--|---------------------------------------|--|--|--|
| 1. Generator's US EPA ID No. N/A | | Manifest Document No. 00001112 | | 2. Page 1 of 1 | |
| 3. Generator's Name and Mailing Address SLABY SALES INC. P.O. Box 904 Buckeye Springs, GA 32004 | | | | | |
| 5. Transporter 1 Company Name SLABY ENVIRONMENTAL | | US EPA ID Number N/A | | A. Transporter's Phone (888) 701-6500 | |
| 7. Transporter 2 Company Name | | US EPA ID Number | | B. Transporter's Phone | |
| 9. Designated Facility Name and Address WESTERN ENVIRONMENTAL 62-150 GENE WELLS DRIVE MECCA, GA 32254 | | US EPA ID Number ICAR000157206 | | C. Facility's Phone (760) 396-0222 | |
| 11. Waste Shipping Name and Description | | 12. Containers No. Type | | 13. Total Quantity | |
| a. Non Hazardous Waste Soil (Soil cuttings) | | 0 0 3 0 M 0 0 4 8 5 P | | | |
| b. | | | | | |
| c. | | | | | |
| 14. GENERATOR'S CERTIFICATION: I certify that the material described above is not subject to federal regulation for hazardous waste. | | | | | |
| Printed/Typed Name Deborah Slaby for AOB | | Signature <i>Deborah Slaby</i> | | Month Day Year 05 01 05 | |
| 17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name D. C. Tringo, Sr. | | Signature <i>D. C. Tringo, Sr.</i> | | Month Day Year 05 01 05 | |
| 18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name | | Signature | | Month Day Year | |
| 19. Discrepancy Indication Space | | | | | |
| 20. Facility Owner or Operator's Certification of receipt of waste materials covered by the manifest except as noted in item 20. | | | | | |
| Printed/Typed Name MARK WELLS | | Signature <i>Mark Wells</i> | | Month Day Year 05 01 05 | |

TRANSPORTER 1:

L-4 0070-008-0003

HPT 22 2005 2100PM

County Of Sonoma Department Of Health Services
Environmental Health Division
LOCAL OVERSIGHT PROGRAM

3273 Airway Drive, Suite D ♦ Santa Rosa, CA 95403-2097
(707) 565-6565 ♦ FAX (707) 565-6525 ♦ www.sonoma-county.org

CERTIFIED LIST OF RECORD FEE TITLE OWNERS FORM

Site Name: Former Dick's Union 76

Site Address: 465 South Cloverdale Blvd, Cloverdale, CA

In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, [Signature], certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site.

Mr. Richard Erickson - Property owner

118 South Street

Cloverdale CA 95425

Signed on this day [Signature]

(Signature, Name and Title, and Address of Responsible Party)

Submit to: Local Oversight Program, Sonoma County Environmental Health Division
3273 Airway Drive, Suite D, Santa Rosa, CA 95403

Revised: 01/04/00, Rev 00003